



# Support Planning IP-4140

**“I DON’T KNOW WHAT THE  
HELL THIS LOGISTICS IS  
THAT MARSHALL IS ALWAYS  
TALKING ABOUT, BUT I  
WANT SOME OF IT.”**

**FLEET ADMIRAL E.J. KING, 1942**

# **OVERVIEW**

***Definition & Purpose of Support Planning***

***Relationship to the Deliberate Planning Process***

***Two Categories of Support Requirements***

***Supply Buildup for Contingencies***

***JOPES ADP Support***

***CINs and PINs***

***JRSO&I***

***Classes of Supply***

***Lessons Learned (Logistics)***

An iceberg floating in a blue ocean. The tip of the iceberg is above the water line, and the much larger base is submerged. The text is written on the iceberg.

## Support Planning

**The multi-level process  
of identifying, sourcing, and  
planning  
for the stockage and movement  
of resources (both personnel  
and equipment) necessary to  
promote the  
combat effectiveness of our  
forces.**

An iceberg floating in a dark blue sea. The tip of the iceberg is above the water line, and the much larger base is submerged. The word "Logistics" is written in orange on the tip. The definition of logistics is written in dark blue on the submerged part.

## Logistics

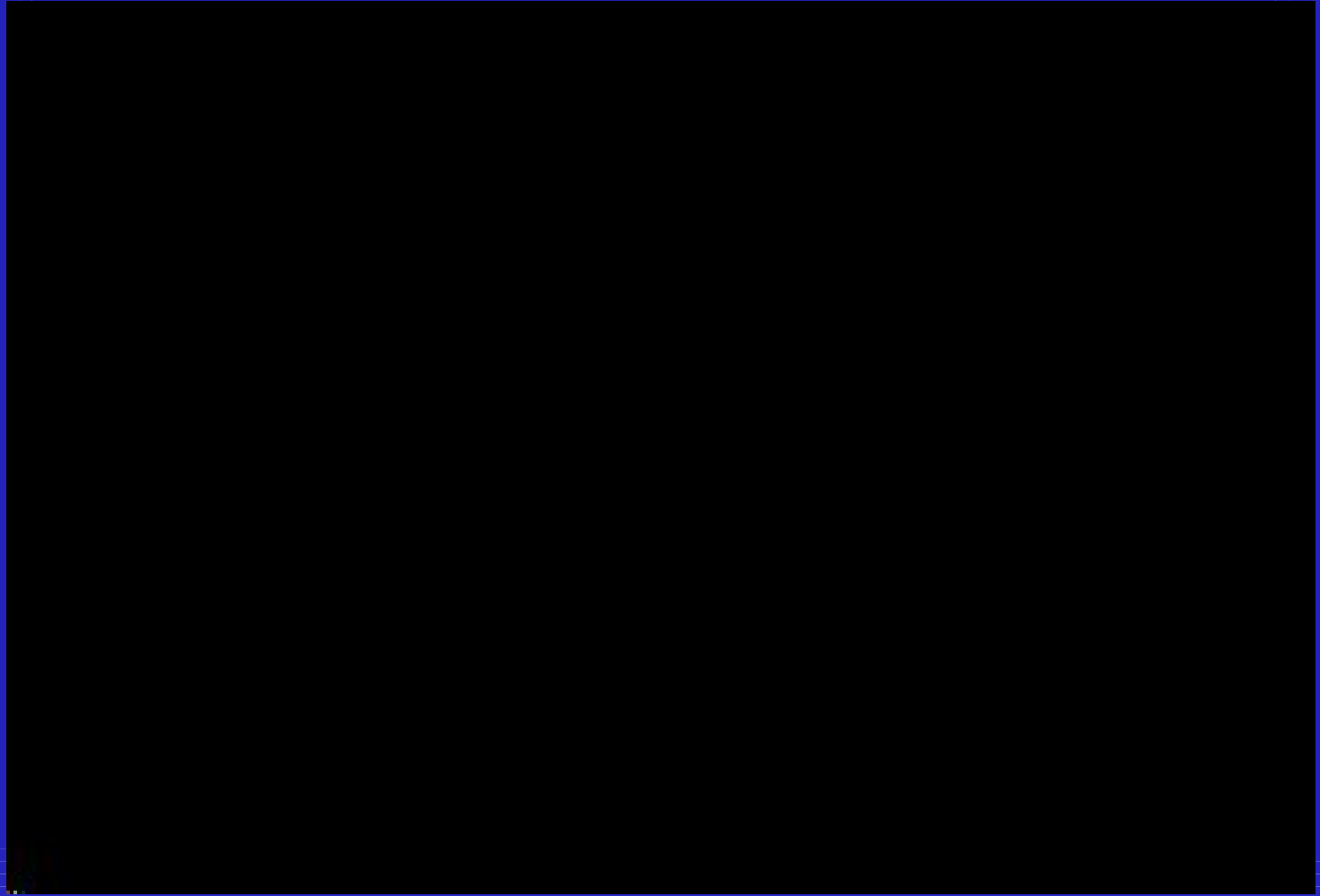
**The bridge connecting a  
nation's economy to a  
nation's warfighting  
forces.**

L + SP

**Getting the right  
stuff to the right place  
at the right time  
(every time), at the right cost.  
Then sustaining whatever and  
whoever is there.**



*When it absolutely, positively has to be there....*



# ***PURPOSE***

- Identify the quantities of supplies, equipment, and replacement personnel required to sustain forces
- Convert quantities into weights & volumes as compared to lift capability
- Identify transportation requirements for non-unit supplies and personnel
- Time phase their movement into the theater to support the concept of operations
- Ensure critical supplies are stocked at level sufficient to allow for uninterrupted ops



# ***DELIBERATE PLANNING***

## **OBJECTIVE**

**Initiation**

**Establish Plan Requirements**

**Concept  
Development**

**A CJCS-approved Concept of Operations**

**Plan  
Development**

**Transportationally Feasible Plan  
operation plan**

**Plan  
Review**

**CJCS-approved OPLAN**

**Supporting  
Plans**

**Family of Plans**

***Feasible***

***Non-  
feasible***

***Lift Capability*** <sup>C-5</sup><sub>C-17  
MSC</sub>

***Combat & Support forces***

***UTCs***

***Requirements***



***TPFDD***

***Sustainmen  
t***

*Feasible*

*Non-feasible*

*Lift Capability*

*Lift Requirements*



*TPFDD*

*Sustainment*

# DELIBERATE PLANNING

## Plan Development

STEP 1: FORCE PLANNING

STEP 2: SUPPORT PLANNING

STEP 3: NUCLEAR PLANNING

STEP 4: TRANSPORTATION PLANNING

STEP 5: SHORTFALL IDENTIFICATION

STEP 6: TRANS. FEASIBILITY ANALYSIS

STEP 7: TPFDD REFINEMENT

STEP 8: DOCUMENTATION

## Classes and Subclasses of Supply

	Symbols	Subclasses
<b>CLASS I</b>		A - NONPERISHABLE C - COMBAT RATIONS R - REFRIGERATED S - NONREFRIGERATED W - WATER
Subsistence		
<b>CLASS II</b>		A - AIR B - GROUND SUPPORT MATERIEL E - GENERAL SUPPLIES F - CLOTHING G - ELECTRONICS M - WEAPONS T - INDUSTRIAL SUPPLIES
Clothing, individual equip., tools, admin. supplies		
<b>CLASS III</b>		A - POL FOR AIRCRAFT W - POL FOR SURFACE VEHICLES P - PACKAGED POL
Petroleum, oils, lubricants		
<b>CLASS IV</b>		A - CONSTRUCTION B - BARRIER
Construction materiel		
<b>CLASS V</b>		A - AIR DELIVERY W - GROUND
Ammunition		

	Symbols	Subclasses
<b>CLASS VI</b>		
Personal demand items		
<b>CLASS VII</b>		A - AIR B - GROUND SUPPORT MATERIEL D - ADMIN VEHICLES G - ELECTRONICS K - TACTICAL VEHICLES L - MISSILES M - WEAPONS N - SPECIAL WEAPONS T - INDUSTRIAL MATERIEL X - AIRCRAFT ENGINES
Major end items: racks, pylons, tracked vehicles, etc.		
<b>CLASS VIII</b>		A - MEDICAL MATERIEL B - BLOOD/FLUIDS
Medical materials		
<b>CLASS IX</b>		A - AIR B - GROUND SUPPORT MATERIEL D - ADMIN VEHICLES G - ELECTRONICS K - TACTICAL VEHICLES L - MISSILES M - WEAPONS N - SPECIAL WEAPONS T - INDUSTRIAL MATERIEL X - AIRCRAFT ENGINES
Repair parts		
<b>CLASS X</b>		
Material for nonmilitary programs		

# ***RELATIONSHIP TO FORCE PLANNING***

- Force Planning is Primarily Embodied in The Basic Portion of The OPLAN and TPFDD
- Support Planning Begins When The Force Planning Portion of The TPFDD is Complete

\* Support Planning  $\neq$  Support Force Planning

# ***CATEGORIES OF SUPPLY REQUIREMENTS***

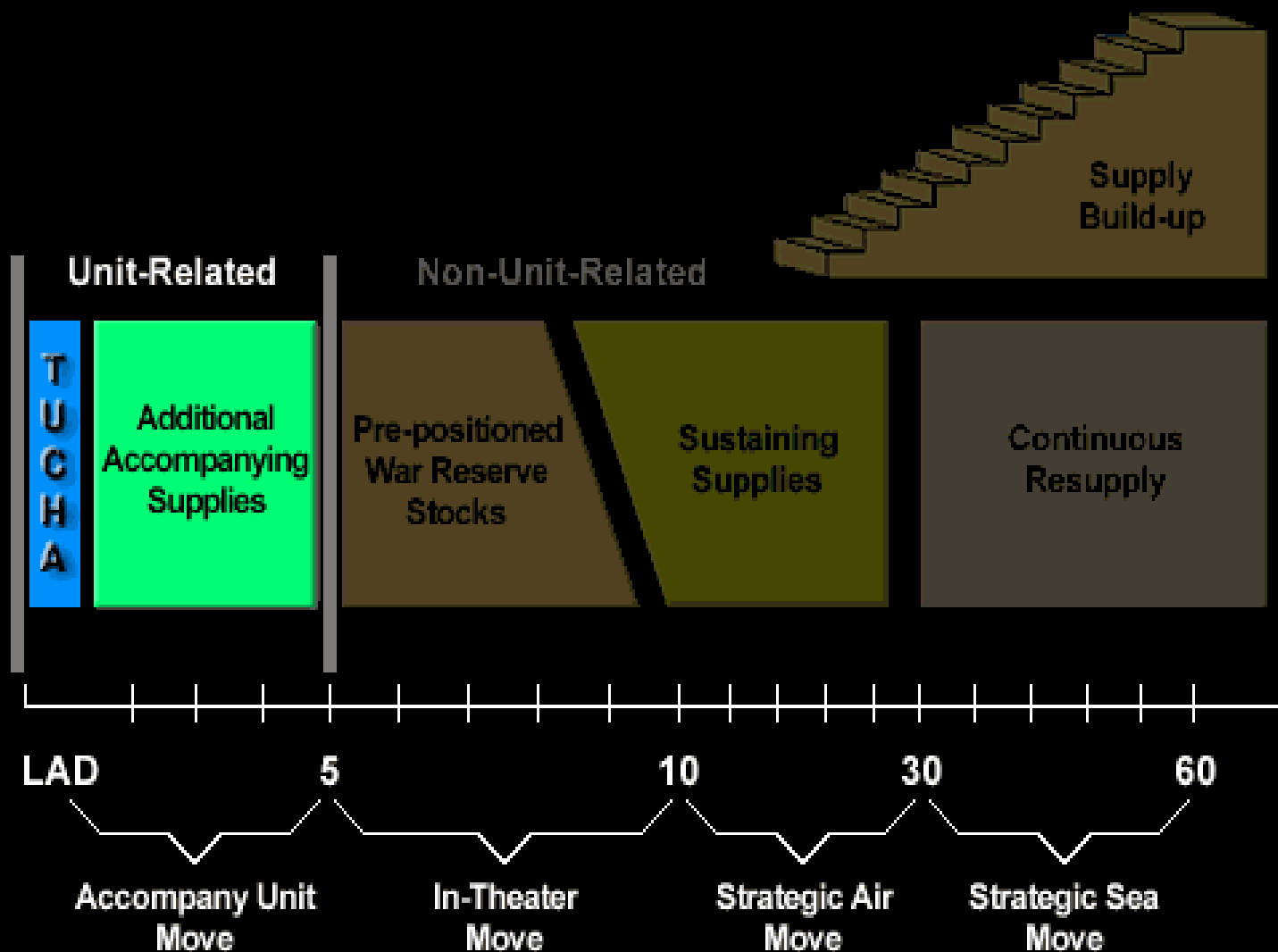
**Unit-related** supplies and equipment include a unit's organic equipment, basic load, and additional accompanying supplies specified by the Combatant Commander.

(Belong to a commander)

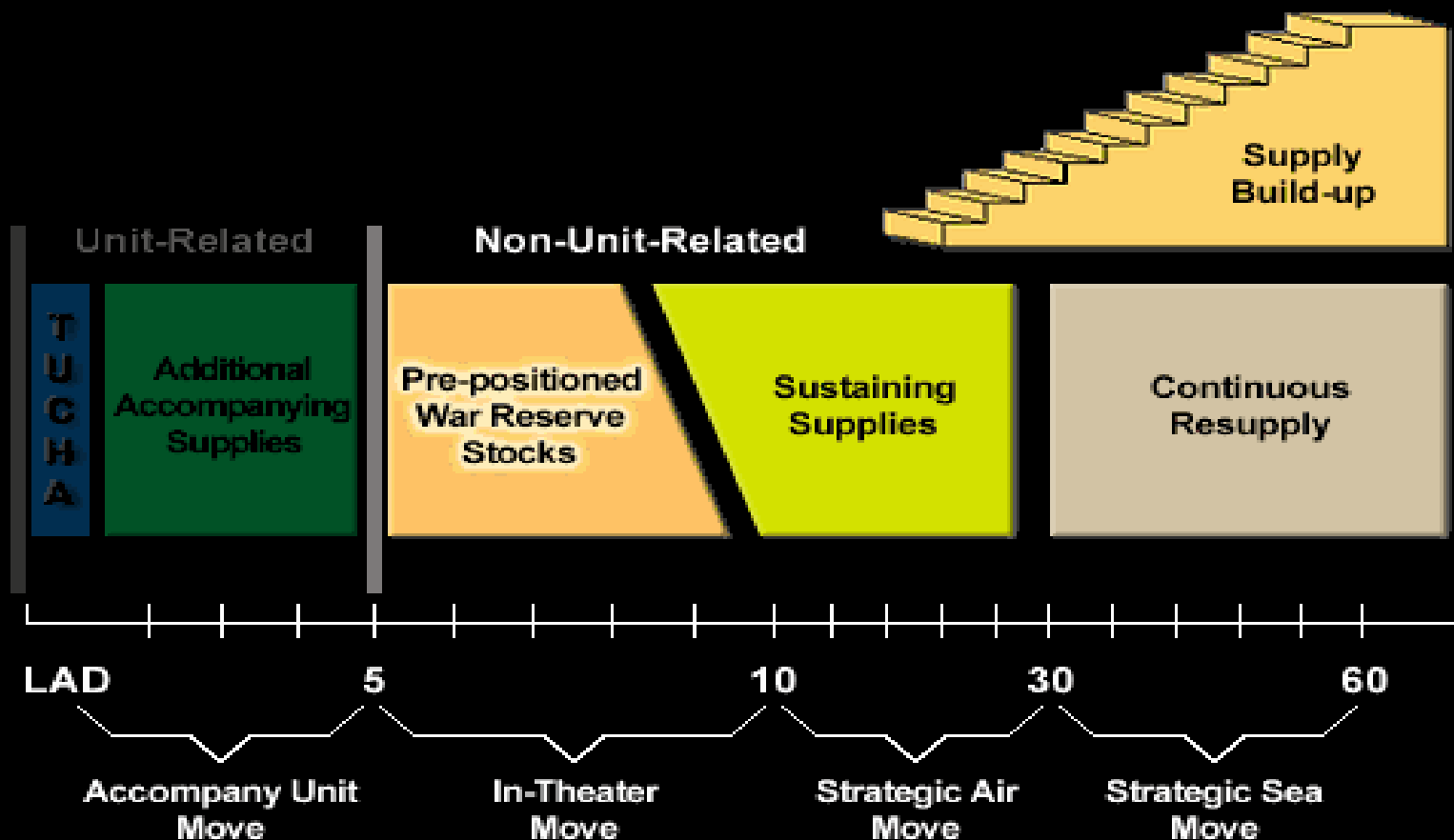
**Non-unit-related** supplies and equipment include all support requirements that are not in the Service-generated type unit descriptions or augmented by accompanying supplies. These supplies are not identified for a specific unit.

(Belong to a supply dump or replacement pool)

# ***SUPPLY BUILD-UP***

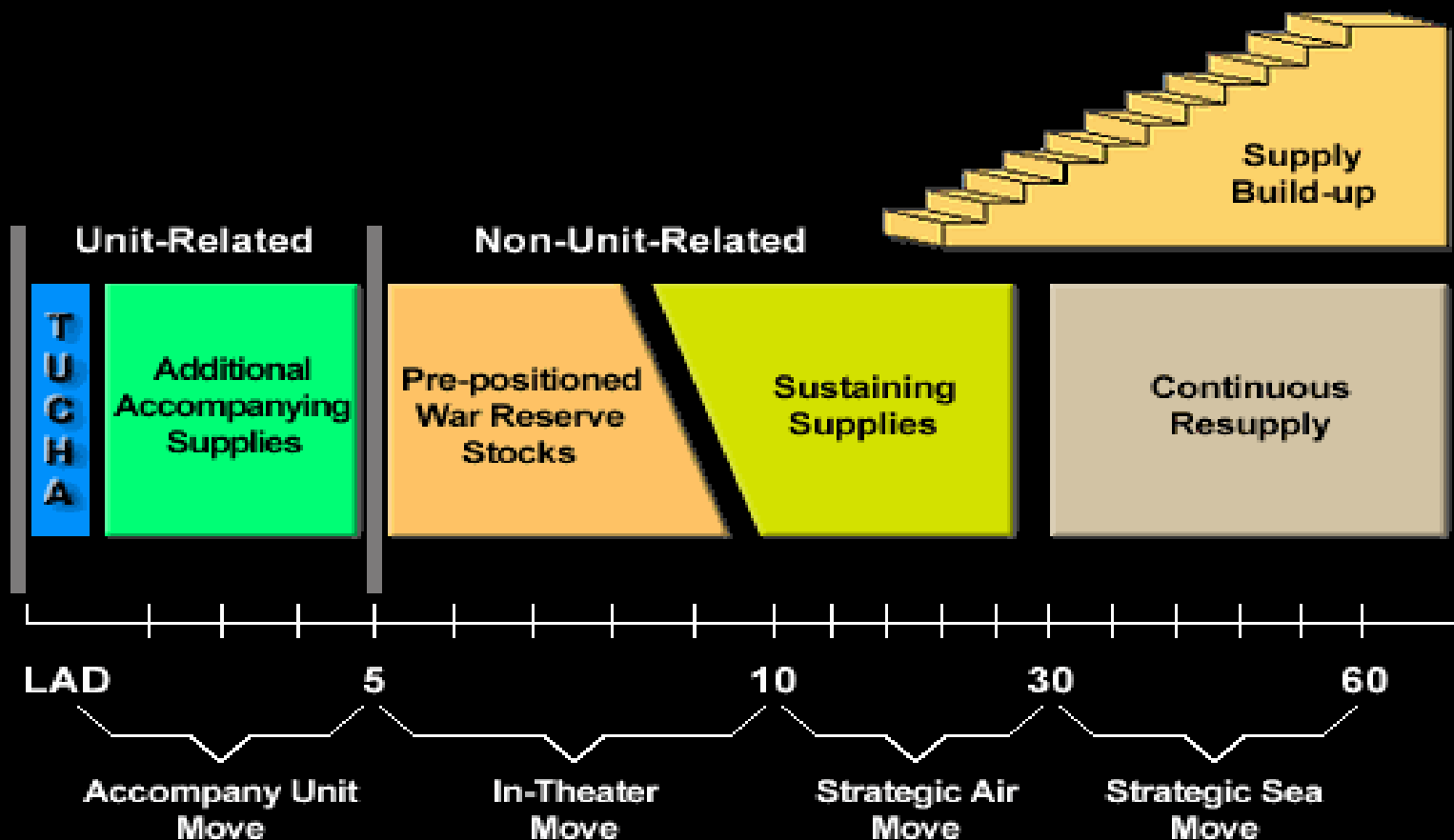


# ***SUPPLY BUILD-UP***





# *SUPPLY BUILD-UP*



# *REQUIREMENTS COMPUTATION*

Number of  
Consumers

Consumption  
Rate

Total Supply  
Requirement



- Multiplier furnished by Services
- Expressed as rates, ratios, or lengths of time

# ***JOPES ADP SUPPORT***

- Programs simplify requirements computation
- Provide quantitative data for OPLAN annexes
- Includes notional support requirements in TPFDD
- Compares movement requirements to apportioned carriers to estimate transportation feasibility

# ***JOPES ADP SUPPORT***

## JFAST Sustainment Generator

- Calculates gross non-unit supply requirements to support the OPLAN
- Generates movement requirements for resupply
- Resupply accomplished in planned phases
- Produces supply buildup/stocking records

UNCLASSIFIED

Coalition Partner

Select Service or Using Organization

Save

Done

Help

Tips

LFF Version: 1/26/1994 ATL SWA

US

Army

Air Force

Marine Corps

Navy Afloat

Navy Ashore

11 - Intensity

12 - Ports of Support

13 - Supply Build-up

14 - Container/Pallet Scheme

15 - Retrograde

16 - Create Records

17 - Exercises

18 - Reports

1 - Scenarios

2 - LFF

3 - Time Periods

4 - Consumption Factors

5 - UCFF

6 - PrePositioned

7 - Host Nation Support

8 - Origins

9 - Personnel

10 - LogBases

## Scenario Library

Save Scenario to Library

Restore Scenario from Library

Rebuild Scenario from Plan

Refresh Scenario from Plan

Current PID

912TH

UNCLASSIFIED

# ***CARGO INCREMENT NUMBERS (CINS)***

- A seven-character alphanumeric field that uniquely describes a non-unit-cargo line in the TPFDD
- Used as an identifier for a TPFDD record that **projects** movement requirements non-unit cargo moves

# ***Personnel Increment Numbers (PINs)***

- A seven-character alphanumeric field that uniquely describes a non-unit-personnel line in the TPFDD
- Used as an identifier for a TPFDD record that contains non-unit movement data of replacement personnel, fillers, medical evacuees, and noncombatant evacuees

# *CINs/PINs*

- CIN & PIN records identify the non-unit related supply and personnel movements that are necessary to sustain combat operations
- Generated based on planning factors
- Notional placeholders during planning
- Replaced with actual movement requirements at execution



# Scenario

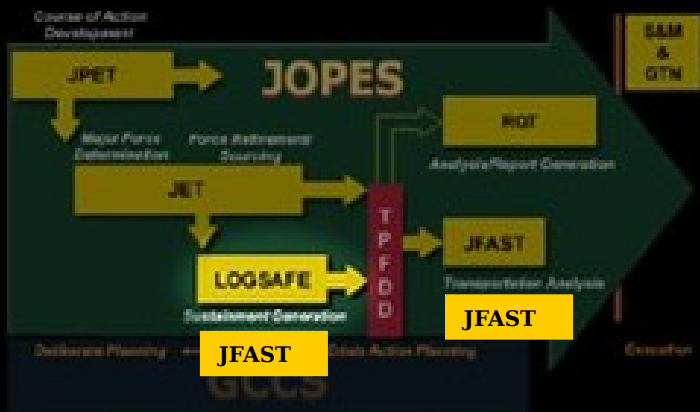
P#	Mission	MDS	UTC	Origin (location)	Destination
1	Bombers	B-52H	3BACK	Barksdale	Moron
2	Airborne CS	E3BC	3AGEM	Tinker	Moron
3	FighterAttack	F-16C	3FQDF	Lancaster	Trapani
4	Tanker	KC-135R	3WCAR	Wright	Cagliari
5	FighterAttack	F-16C	3FQDF	Lancaster	Trapani
6	Tanker	KC-135R	3WCAR	Wright	Cagliari
7	Tanker	KC-135R	3WCAR	Wright	Rota
8	FighterAttack	F-16C	3FQDF	Lancaster	Decimomannu
9	FighterAttack	F-16C	3FQDF	Lancaster	Decimomannu
10	FighterAttack	F-16C	3FQDF	Lancaster	Decimomannu
11	Tactical Airlift	C-130H	3NCCB	Yeager	Torrejon
12	Tactical Airlift	C-130H	3NCCB	Martin	Torrejon
13	Tactical Airlift	C-130H	3NCCB	Gr Pittsburgh	Sigonella
14	Medical	C-130H	3NCCB	Sead	Palermo
15	Operational Support	C-130H	3NCCB	Orun	Sigonella



## Step 1, Force Planning

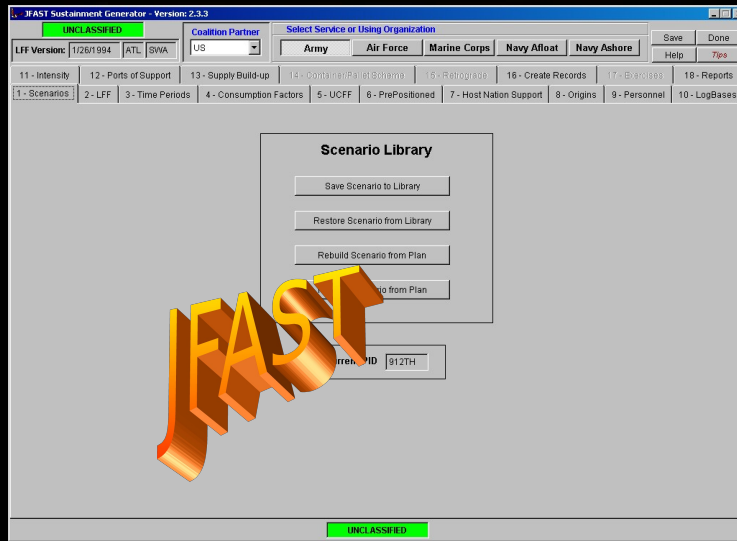
- ★ Force list built
- ★ Flow of forces prioritized and entered into JOPES
- ★ Force movement identified with ULNs
- ★ ULNs represent force packages
- ★ Force packages include unit-related equipment and supplies

# Scenario



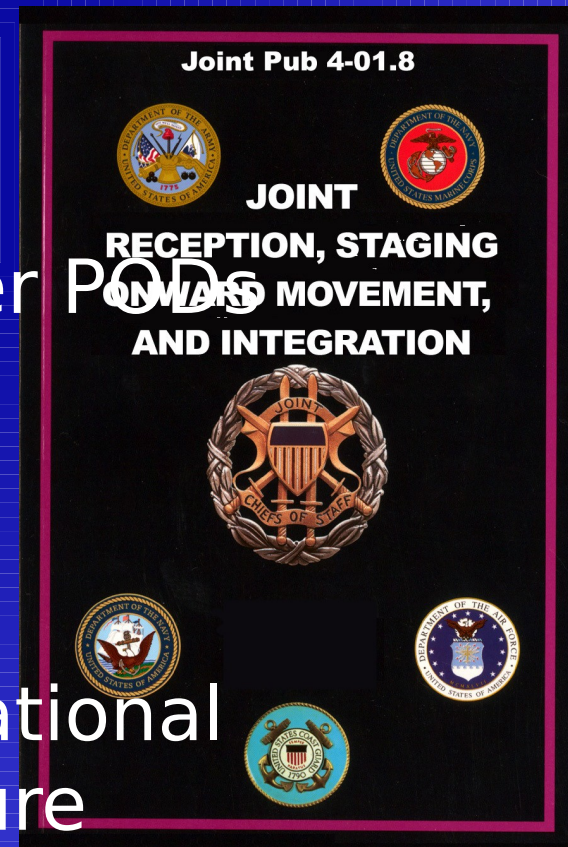
## Step 2, Support Planning

- ★ Ensure forces are sustained beyond unit related supplies
- ★ Enter non-unit related sustainment requirements into TPFDD as CIN and/or PIN records
- ★ Create a draft TPFDD

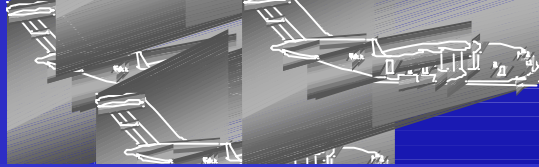


# ***JOINT RECEPTION, STAGING, ONWARD MOVEMENT, & INTEGRATION (JRSO&I)***

- Essential process that transitions deploying forces arriving in theater into forces capable of meeting the combatant commander's operational requirements
- Final Phase of Deployment
- Begins With Reception at Theater PODs
  - Forces
  - Equipment
  - Materiel
- Ends With Integration Into Operational Commander's Command Structure

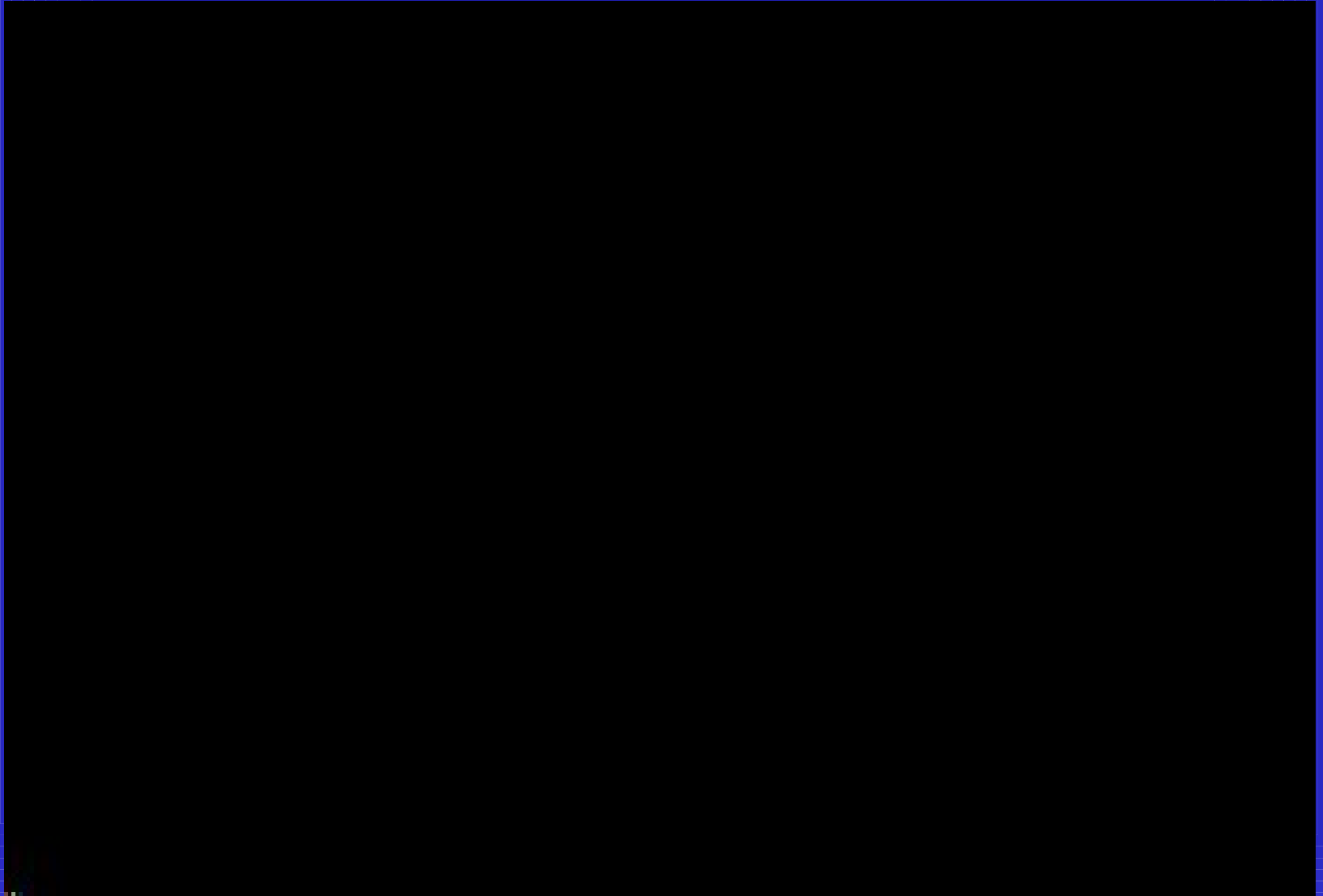


# ***JOINT RECEPTION, STAGING, ONWARD MOVEMENT, & INTEGRATION (JRSO&I)***



- **Reception...** includes all functions required to receive and clear unit personnel, equipment, and materiel through POD.
- ▢ **Staging...** assembles, temporarily holds, & organizes arriving personnel, equipment, and materiel into units, and prepares them for onward movement and tactical operations.
- ▢ **Onward Movement...** the process of moving units and accompanying materiel from reception facilities, marshaling areas, and staging areas to tactical assembly and operational areas or other theater destinations.
- ▢ **Integration...** the synchronized hand-off of units into an operational commander's force prior to execution.

# ***The Importance of Quick Port Clearance.....***



# ***SUMMARY***

***Definition & Purpose of Support Planning***

***Relationship to the Deliberate Planning Process***

***Two Categories of Support Requirements***

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***Lessons Learned (Logistics)***

*Questions?*

***“Amateurs talk Strategy...  
Professionals talk  
Logistics.”***

***- Unknown***